

CLAIMS

1. Filler reinforced polyether imide resin composition is characterized by containing (A) polyether imide resin, (B) thermoplastic resin, (C) fibrous reinforced filler and (D) non-fibrous inorganic filler, and are included in the amount:

- (A) polyether imide resin: 1 to 95% by weight,
- (B) thermoplastic resin: 1 to 95% by weight,
- (C) fibrous type reinforced filler: 2 to 80% by weight,
- (D) non-fibrous inorganic filler: 2 to 80% by weight,

when total of (A) to (D) is 100% by weight.

2. Filler reinforced polyether imide resin composition is characterized by containing (A) polyether imide resin, (B) thermoplastic resin, (C) fibrous reinforced filler, (D) non-fibrous inorganic filler and (E) alkali earth metal salts, and are included in the amount:

- (A) polyether imide resin: 1 to 95% by weight,
- (B) thermoplastic resin: 1 to 95% by weight,
- (C) fibrous reinforced filler: 2 to 80% by weight,
- (D) non-fibrous inorganic filler: 2 to 80% by weight,

when total of (A) to (D) is 100 parts by weight, and (E) alkali earth metal salts are included in the amount of 0 to less than 5 parts by weight.

3. Filler reinforced polyether imide resin composition mentioned in claim 1 or claim 2, wherein thermoplastic resin (B) is at least one kind selected from polyphenylene ether, polyester, polycarbonate, polyester carbonate, polyamide, polyolefin, polyether, polysulfide, etc.

4. Filler reinforced polyether imide resin composition mentioned in either of claim 1 to claim 3, wherein the L/D ratio (longitudinal length/ diameter) of fibrous reinforced filler (C) is at least 100.

5. Filler reinforced polyether imide resin composition mentioned in either of claim 1 to claim 3, wherein the fibrous reinforced filler (C) is glass fibre, carbon fibre, titanium fibre and ceramic fibre.

6. Filler reinforced polyether imide resin composition mentioned in either of claim 1 to claim 3, wherein the fibrous reinforced filler (C) is glass fibre coated with silane coupling agent, urethane resin, epoxy resin, etc.

7. Filler reinforced polyether imide resin composition mentioned in claim 1 or claim 2, wherein non-fibrous inorganic filler (D) is at least one kind selected from the group of scaly glass flakes, milled glass, mica, potassium titanate, porcelain clay, clay, talc, wollastonite, carbon black, etc.

8. Filler reinforced polyether imide resin composition mentioned in claim 2, wherein alkali earth metal salt (E) is alkali metal (earth) salt of perfluoro alkane sulfonic acid.

9. The molded articles comprising filler reinforced polyether imide resin composition mentioned in claim 1 to 8.

10. The molded articles mentioned in claim 9 are the plastic components of an automobile, electronic and electrical apparatus, home apparatus or OA apparatus, and apparatus use for media.